


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL				1. WELL NAME and NUMBER NBU 922-32B4AS		
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				3. FIELD OR WILDCAT NATURAL BUTTES		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO				5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES		
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.				7. OPERATOR PHONE 307-752-1169		
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217				9. OPERATOR E-MAIL Laura.Gianakos@anadarko.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML 22649		11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		
13. NAME OF SURFACE OWNER (if box 12 = 'fee')				14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')				16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1710 FNL 1962 FEL	SWNE	32	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	973 FNL 1583 FEL	NWNE	32	9.0 S	22.0 E	S
At Total Depth	973 FNL 1583 FEL	NWNE	32	9.0 S	22.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 973		23. NUMBER OF ACRES IN DRILLING UNIT 640		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 585		26. PROPOSED DEPTH MD: 9343 TVD: 9224		
27. ELEVATION - GROUND LEVEL 4956		28. BOND NUMBER 22013542		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Danielle Piernot	TITLE Regulatory Analyst
SIGNATURE	DATE 04/27/2010
PHONE 720 929-6156	EMAIL gnbregulatory@anadarko.com
API NUMBER ASSIGNED 43047510710000	APPROVAL  Permit Manager

T9S, R22E, S.L.B.&M.

Found 1977
Brass Cap.
Pile of Stones.

S89°58'W 80.12 (G.L.O.)

Found 1977
Brass Cap,
Pile of Stones.

S89°57'38"W - 2643.14' (Meas.)

S89°57'04"W - 2643.87' (Meas.)

Found 1977
Brass Cap.
Pile of Stones.

973'
1710'
Bottom of
Hole
1583'

N0°06'W - 40.14 (G.L.O.)
N00°03'01"W - 2649.38' (Meas.)

WELL LOCATION:
NBU 922-32B4AS
ELEV. UNGRADED GROUND = 4955.5'

Well Surface
Position

1962'

Found 1977
Brass Cap.
Pile of Stones.

Found 1977
Brass Cap,
Pile of Stones.

N00°00'59"W (Basis of Bearings)
2649.28' (Measured)
N0°03'W - 40.14 (G.L.O.)

32

NBU 922-32B4AS (Surface Position)
NAD 83 LATITUDE = 39.995092° (39° 59' 42.330")
LONGITUDE = 109.461421° (109° 27' 41.116")
NAD 27 LATITUDE = 39.995126° (39° 59' 42.455")
LONGITUDE = 109.460736° (109° 27' 38.651")

NBU 922-32B4AS (Bottom Hole)
NAD 83 LATITUDE = 39.997116° (39° 59' 49.618")
LONGITUDE = 109.460070° (109° 27' 36.253")
NAD 27 LATITUDE = 39.997151° (39° 59' 49.744")
LONGITUDE = 109.459386° (109° 27' 33.789")

N0°02'W - 40.07 (G.L.O.)
N00°01'20"E 2644.48' (Meas.)

N00°10'55"W - 2645.23' (Meas.)
N0°12'W - 40.08 (G.L.O.)

Found 1977
Brass Cap.
Pile of Stones.

N89°58'56"E - 2647.21' (Meas.)
N89°57'E - 40.11 (G.L.O.)

Found 1977
Brass Cap, Pile
of Stones.

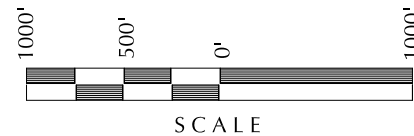
N89°56'35"E - 2647.66' (Meas.)
N89°54'E - 40.14 (G.L.O.)

Found 1977
Brass Cap, Pile
of Stones.

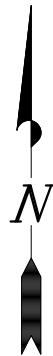
NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
- The Bottom of hole bears N27°09'40"E 829.13' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SCALE



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 6028691
STATE OF UTAH
John R. Laugh
No. 6028691
JOHN R. LAUGH
REGISTERED LAND SURVEYOR

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD - NBU 922-32G

NBU 922-32B4AS
WELL PLAT

973' FNL, 1583' FEL (Bottom Hole)
NW $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 32, T9S, R22E,
S.L.B.&M., UTAH COUNTY, UTAH.



609 CONSULTING, LLC
371 Coffeen Avenue
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-30-09	SURVEYED BY: M.S.B.	SHEET NO: 1 1 OF 15
DATE DRAWN: 11-17-09	DRAWN BY: E.M.S.	
SCALE: 1" = 1000'	Date Last Revised:	